Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	359	("AWG" or (array$3 with wave$guide$1 with grating$1)) and (flat with spectr$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/06 16:07

| L3 | 68 | (US-20010010739-$ or US-20020001433-$ or US-20020015554-$ or US-20020044742-$ or US-20020057865-$ or US-20020071155-$ or US-20020122650-$ or US-20020159703-$ or US-20020176665-$ or US-20020181832-$ or US-20020191887-$ or US-20030026519-$ or US-20030063858-$ or US-20030081898-$ or US-20030103722-$ or US-20030133655-$ or US-20030156789-$ or US-20040028105-$ or US-20040047560-$ or US-20040101243-$ or US-20040131313-$ or US-20040136647-$ or US-20040151432-$ or US-20040161186-$ or US-20040213520-$ or US-20040252938-$).did. or (US-20050047722-$).did. or (US-4768850-$ or US-5136671-$ or US-5412744-$ or US-5425116-$ or US-5467418-$ or US-5596661-$ or US-5706377-$ or US-5745612-$ or US-5751872-$ or US-5841919-$ or US-5881199-$ or US-5912750-$ or US-6163637-$ or US-6188818-$ or US-6205273-$ or US-6212315-$ or US-6236781-$ or US-6266464-$ or US-6289147-$ or US-6332055-$ or US-6507680-$ or US-6556746-$ or US-6563988-$ or US-6574396-$ or US-6580862-$ or US-6597841-$).did. or (US-6606433-$ or US-6671433-$ or US-6674929-$ or US-6711313-$ or US-6728442-$ or US-6728446-$ or US-6768842-$ or US-6788848-$ or US-6798952-$ or US-6807372-$ or US-6839477-$ or US-6853773-$ or US-6907160-$ or US-6920261-$).did. or (WO-3005086-$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2006/02/06 16:36 |

L4	65	L3 and length	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:37
L5	64	L3 and (output same length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/06 16:37
S1	15	("AWG" or (array$3 with wave$guide$1 with grating$1)) same ((slab$1 with wave$guide$1) or (free with propagation with region$1)) same ((directional or 3$dB) with coupler$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 09:01
S2	36	("AWG" or (array$3 with wave$guide$1 with grating$1)) same ((slab$1 with wave$guide$1) or (free with propagation with region$1)) same ((directional or 3$dB or "MMI" or (multi$mode or (multi with mode) with interference) with coupler$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 13:43
S3	2	("2002/0001433").URPN.	USPAT	OR	OFF	2005/01/12 09:02
S4	2	("2002/0057865").URPN.	USPAT	OR	OFF	2005/01/12 09:03
S5	1	("2002/0122650").URPN.	USPAT	OR	OFF	2005/01/12 09:03
S6	0	("2002/0176665").URPN.	USPAT	OR	OFF	2005/01/12 09:03
S7	0	("2002/0181832").URPN.	USPAT	OR	OFF	2005/01/12 09:04
S8	5	("5410622" | "5499309" | "5966478" | "6311004" | "6327407").PN. OR ("6507680"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:04
S9	0	("2003/0063858").URPN.	USPAT	OR	OFF	2005/01/12 09:04
S10	0	("2003/0103722").URPN.	USPAT	OR	OFF	2005/01/12 09:04
S11	2	("6137939" | "6501896").PN. OR ("6580862").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:05

S12	29	("20020186928" | "4618210" | "4747654" | "4813757" | "4846542" | "5002350" | "5013113" | "5039993" | "5243672" | "5412744" | "5450511" | "5467418" | "5488500" | "5542010" | "5581643" | "5706377" | "5841931" | "5938811" | "5991477" | "6021242" | "6108478" | "6118909" | "6256428" | "6272270" | "6337937" | "6486984" | "6542666" | "6546167" | "6549328").PN. OR ("6674929"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:05
S13	0	("2004/0028105").URPN.	USPAT	OR	OFF	2005/01/12 09:08
S14	2	("5412744" | "6195482").PN. OR ("6728442").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:08
S15	1	("2004/0101243").URPN.	USPAT	OR	OFF	2005/01/12 09:09
S16	0	("2004/0131313").URPN.	USPAT	OR	OFF	2005/01/12 09:09
S17	7	("6169838" | "6222956" | "6515776" | "6526203" | "6549688" | "6563988" | "6625187").PN. OR ("6768842"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:09
S18	0	("2004/0161186").URPN.	USPAT	OR	OFF	2005/01/12 09:11
S19	18	("20030081898" | "4756587" | "5136671" | "5467418" | "5488680" | "5623571" | "5706377" | "5745616" | "5745618" | "5841919" | "5881199" | "5982960" | "5999290" | "6069990" | "6205273" | "6222963" | "6229943" | "6363188").PN. OR ("6798952").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:11

S20	21	(US-20020001433-$ or US-20020057865-$ or US-20020122650-$ or US-20020176665-$ or US-20020181832-$ or US-20030063858-$ or US-20030103722-$ or US-20040028105-$ or US-20040101243-$ or US-20040131313-$ or US-20040161186-$).did. or (US-6507680-$ or US-6580862-$ or US-6674929-$ or US-6728442-$ or US-6768842-$ or US-6798952-$ or US-6563988-$ or US-6839477-$ or US-5881199-$ or US-6205273-$).did.	US-PGPUB; USPAT	OR	OFF	2005/01/12 09:14
S21	4	S20 not (S2 or S1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 09:14
S22	27	("5881199").URPN.	USPAT	OR	OFF	2005/01/12 09:14
S23	10	("5617234" | "5760941" | "5809184" | "5867290" | "5881199" | "6212315" | "6304380" | "6332055" | "6351581" | "6597841").PN. OR ("6807372").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:15
S24	7	("6205273").URPN.	USPAT	OR	OFF	2005/01/12 09:16
S25	15	("4737002" | "5002350" | "5136671" | "5243672" | "5357589" | "5881199" | "5953467" | "5982960").PN. OR ("6205273").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:17
S26	19	("20020015559" | "20020057865" | "5002350" | "5136671" | "5179605" | "5412744" | "5629992" | "5629999" | "5680236" | "5889906" | "6047096" | "6069990" | "6141152" | "6195481" | "6195482" | "6233375").PN. OR ("6563988").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:17
S27	10	("20040101243" | "20040109643" | "5412744" | "5706377" | "5926298" | "6058233" | "6069990" | "6188818" | "6289147" | "6563988").PN. OR ("6839477").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/12 09:18

S28	22	(US-20020001433-$ or US-20020057865-$ or US-20020122650-$ or US-20020176665-$ or US-20020181832-$ or US-20030063858-$ or US-20030103722-$ or US-20040028105-$ or US-20040101243-$ or US-20040131313-$ or US-20040161186-$).did. or (US-6507680-$ or US-6580862-$ or US-6674929-$ or US-6728442-$ or US-6768842-$ or US-6798952-$ or US-6563988-$ or US-6839477-$ or US-5881199-$ or US-6205273-$ or US-6807372-$).did.	US-PGPUB; USPAT	OR	OFF	2005/01/12 10:43
S29	22	S28 and (wave$guide$1 with (spacing or space or distance$1 or length$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 10:45
S30	8	S28 and (flat with spectr$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 10:45
S31	21	S2 not S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 10:51
S32	21	("AWG" or (array$3 with wave$guide$1 with grating$1)) same ((slab$1 with wave$guide$1) or (free with propagation with region$1)) same ("MMI" or (multi$mode or (multi with mode) with interference) with coupler$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:27
S33	47	((slab$1 with wave$guide$1) or (free with propagation with region$1)) same ("MMI" or (multi$mode or (multi with mode) with interference) with coupler$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:27

S34	26	S33 not S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:27
S35	40	("AWG" or (array$3 with wave$guide$1 with grating$1)) and (((slab$1 with wave$guide$1) or (free with propagation with region$1)) same ("MMI" or (multi$mode or (multi with mode) with interference) with coupler$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:28
S36	19	S35 not S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:28
S37	1767	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((wave$guide$1 with (spacing or space or distance$1 or length$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:18
S38	555	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((wave$guide$1 with (spacing or space or distance$1 or length$1)) same ((slab$1 with wave$guide$1) or (free with propagation with region$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:38
S39	110	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((wave$guide$1 with (spacing)) same ((slab$1 with wave$guide$1) or (free with propagation with region$1)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:41
S40	8	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((wave$guide$1 with (spacing)) same (flat with spectr$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 11:39
S41	47	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((wave$guide$1 with (spacing)) same ((slab$1 with wave$guide$1) or (free with propagation with region$1))) and (flat with spectr$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 13:34

S42	47	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((wave$guide$1 with (spacing)) same ((slab$1 with wave$guide$1) or (free with propagation with region$1))) and (flat with spectr$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:02
S43	0	("2004/0151432").URPN.	USPAT	OR	OFF	2005/01/12 15:15
S44	1	("6671433").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/12 15:15
S45	8	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((wave$guide$1 with spacing) same (flat with spectr$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/06 16:07
S46	16	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((wave$guide$1 with (spacing or space or distance$1)) same (flat with spectr$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:39
S47	8	S46 not S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:25
S48	11	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((wave$guide$1 with length$1) same (flat with spectr$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 15:49
S49	3	(("5982960") or ("5841919") or ("6339664")).PN.	US-PGPUB; USPAT	OR	OFF	2005/01/12 15:49
S50	0	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((wave$guide$1 with spacing) same primary and secondary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:16
S51	3	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((wave$guide$1 with spacing) same (primary or secondary))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:16

S52	94	(integer$1 same (center with wavelength$1) same (refractive with index))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:19
S53	12	("AWG" or (array$3 with wave$guide$1 with grating$1)) and (integer$1 same (center with wavelength$1) same (refractive with index))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/12 16:20
S54	5	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((wave$guide$1 with spacing with channel$1) same (flat with spectr$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/01/13 13:35
S55	433	(directional with interference with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 08:22
S56	173	(optical with directional with interference with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 08:23
S57	31	("AWG" or (array$3 with wave$guide$1 with grating$1)) and (optical with directional with interference with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:16
S58	31	S57 and (optical with directional with interference with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 08:27
S59	56	("AWG" or (array$3 with wave$guide$1 with grating$1)) and (star with directional with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 08:55
S60	1	("6711313").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 08:38
S61	0	("2001/0010739").URPN.	USPAT	OR	ON	2005/04/06 08:38

S62	3	("5414548" | "6049640" | "6249620").PN. OR ("6711313"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 08:45
S63	3	((("6760529") or ("6836604") or ("6860642")).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 08:45
S64	179	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((slab or star) with waveguide) and (directional with coupler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:57
S65	4	("5881199" | "5970201").PN. OR ("6332055").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 09:11
S66	1	("2002/0191887").URPN.	USPAT	OR	ON	2005/04/06 09:17
S67	60	("4021097" | "4136929" | "4259016" | "4301543" | "4302071" | "4307933" | "4315666" | "4378539" | "4392712" | "4431260" | "4479701" | "4493528" | "4536058" | "4556279" | "4560234" | "4564262" | "4601541" | "4688882" | "4721352" | "4723827" | "4778237" | "4784453" | "4828350" | "4842358" | "4869567" | "4896932" | "4900118" | "4986624" | "4991922" | "5029961" | "5042896" | "5100219" | "5329607" | "5444723" | "5533155" | "5586205" | "5623567" | "5651085" | "5729641" | "5781675" | "5809188" | "5841926" | "5854864" | "5892857" | "5900983" | "5903685" | "5915063" | "5940556" | "5963291" | "5966493" | "5970201" | "6011881" | "6026205" | "6038359" | "6052220" | "6058226" | "6130984" | "6134360" | "6144793" | "6185358").PN. OR ("6556746").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 09:21
S68	0	("2003/0103722").URPN.	USPAT	OR	ON	2005/04/06 09:26
S69	32	S67 and (directional adj coupler)	USPAT	OR	ON	2005/04/06 09:27
S70	1	("6798952").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 09:27

S71	18	("20030081898" | "4756587" | "5136671" | "5467418" | "5488680" | "5623571" | "5706377" | "5745616" | "5745618" | "5841919" | "5881199" | "5982960" | "5999290" | "6069990" | "6205273" | "6222963" | "6229943" | "6363188").PN. OR ("6798952").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 09:28
S72	0	("2003/0133655").URPN.	USPAT	OR	ON	2005/04/06 09:33
S73	1	("6597841").PN.	US-PGPUB; USPAT	OR	OFF	2005/04/06 09:34
S74	13	("5002350" | "5412744" | "5488500" | "5600742" | "5617234" | "6055078" | "6266464" | "6271949" | "6272270" | "6501896").PN. OR ("6597841").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 09:34
S75	0	("2004/0136647").URPN.	USPAT	OR	ON	2005/04/06 09:54
S76	0	("2005/0047722").URPN.	USPAT	OR	ON	2005/04/06 09:57
S77	115	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((multi$mode or (multi adj mode)) with coupler) and ((waveguide or channel) with spacing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:17
S78	90	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((multi$mode or (multi adj mode)) with interference with coupler) and ((waveguide or channel) with spacing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:17
S79	19	("4773063" | "5002350" | "5412744" | "5488680" | "5629992" | "5706377" | "5745612" | "5748811" | "5889906" | "5926298" | "5962298" | "6181849").PN. OR ("6289147").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/06 11:24
S80	0	("2004/0047560").URPN.	USPAT	OR	ON	2005/04/06 11:42
S81	32	("AWG" or (array$3 with wave$guide$1 with grating$1)) and ((slab or star) with waveguide) and (directional with coupler) and (flat$4 with (shape or response))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/04/06 11:58

S82	198	(optical with filter$3) and (waveguide same ((length with difference) or (different with length$1))) and (flat$4 with (response or spectr$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:59
S83	183	S82 and (demultiplex$4 or multiplex$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/20 13:42
S84	142	S83 and ("AWG" or (array$3 with wave$guide$1 with grating$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/20 13:43
S85	0	("2004/0213520").URPN.	USPAT	OR	ON	2005/07/20 14:56
S86	1	("6212315").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/20 14:58
S87	1	("6597842").PN.	US-PGPUB; USPAT	OR	OFF	2005/07/20 14:58
S88	0	("2005/0047722").URPN.	USPAT	OR	ON	2005/07/20 15:05
S89	6	("5953467" | "6023544" | "6212315" | "6493487" | "6597842" | "6690846").PN. OR ("6907160").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/07/20 15:06
S90	4604	(optical with filter$3) and (flat$4 with (response or spectr$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:58
S91	254	((optical with filter$3) or ("AWG" or (arrayed with waveguide with grating))) and (waveguide same ((length with difference) or (different with length$1))) and (flat$4 with (response or spectr$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 13:59
S92	14	("5136571" | "5212758" | "5243672" | "5339157" | "5367586" | "5617234").PN. OR ("5751872").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/11/10 14:09

| S93 | 35 | ("4618210" \| "4747654" \| "4798437" \| "4813757" \| "4846542" \| "4900112" \| "5002350" \| "5013113" \| "5039993" \| "5136671" \| "5243672" \| "5412744" \| "5450511" \| "5467418" \| "5473719" \| "5559906" \| "5581643" \| "5706377" \| "5745618" \| "5751872" \| "5841931" \| "5862279" \| "5938811" \| "6091864" \| "6094513" \| "6108478" \| "6118909" \| "6167168" \| "6175671" \| "6222957" \| "6272270" \| "6374001" \| "6377723" \| "6418249" \| "6449084").PN. OR ("6853773").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/10 14:16 |

| S94 | 67 | (US-20010010739-$ or US-20020001433-$ or US-20020015554-$ or US-20020044742-$ or US-20020057865-$ or US-20020071155-$ or US-20020122650-$ or US-20020159703-$ or US-20020176665-$ or US-20020181832-$ or US-20020191887-$ or US-20030026519-$ or US-20030063858-$ or US-20030081898-$ or US-20030103722-$ or US-20030133655-$ or US-20030156789-$ or US-20040028105-$ or US-20040047560-$ or US-20040101243-$ or US-20040131313-$ or US-20040136647-$ or US-20040151432-$ or US-20040161186-$ or US-20040213520-$ or US-20040252938-$).did. or (US-20050047722-$).did. or (US-5136671-$ or US-5412744-$ or US-5467418-$ or US-5706377-$ or US-5745612-$ or US-5841919-$ or US-5881199-$ or US-6163637-$ or US-6188818-$ or US-6205273-$ or US-6212315-$ or US-6236781-$ or US-6266464-$ or US-6289147-$ or US-6332055-$ or US-6507680-$ or US-6556746-$ or US-6563988-$ or US-6574396-$ or US-6580862-$ or US-6597841-$ or US-6606433-$ or US-6671433-$ or US-6674929-$ or US-6711313-$ or US-6728442-$).did. or (US-6728446-$ or US-6768842-$ or US-6788848-$ or US-6798952-$ or US-6807372-$ or US-6839477-$ or US-6907160-$ or US-6920261-$ or US-5425116-$ or US-5596661-$ or US-5751872-$ or US-6853773-$ or US-5912750-$).did. or (WO-3005086-$).did. | US-PGPUB; USPAT; EPO | OR | ON | 2005/11/10 14:42 |
| S95 | 12 | S94 and (flat with spectral with response) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/10 14:44 |

S96	12	S94 and (flat with spectral with response) and length	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:56
S97	162	("AWG" or (arrayed near2 waveguide near2 grating)) and ((directional adj coupl$3) same grating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:58
S98	15	("AWG" or (arrayed near2 waveguide near2 grating)) and ((directional adj coupl$3) same grating) and (flat with spectral)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:14
S99	0	("2005/0047722").URPN.	USPAT	OR	ON	2005/11/10 15:00
S10 0	1	2005-221451.NRAN.	DERWENT	OR	ON	2005/11/10 15:00
S10 1	162	("AWG" or (arrayed near2 waveguide near2 grating)) and ((directional adj coupl$3) same grating)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:02
S10 2	147	(filter same (directional near2 coupl$3)) and length and (flat$4 with (response or spectr$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:15
S10 3	40	(filter same (directional near2 coupl$3)) and (length near2 differen$3) and (flat$4 with (response or spectr$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:22
S10 4	223	(filter same (directional near2 coupl$3)) and (flat$4 with (response or spectr$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:21
S10 5	62	(filter same (directional near2 coupl$3)) and ((waveguide or fiber) near2 differen$3) and (flat$4 with (response or spectr$3 or shape))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:22

| S10 6 | 93 | (filter same (directional near2 coupl$3)) and ((waveguide or fiber) with differen$3) and (flat$4 with (response or spectr$3 or shape)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/10 15:22 |
| S10 7 | 14 | ("5136571" \| "5212758" \| "5243672" \| "5339157" \| "5367586" \| "5617234").PN. OR ("5751872").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/10 15:28 |